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(54) Title: FIELD ELECTRON EMISSION MATERIALS AND DEVICES

(57) Abstract: In a method of creating a field electron emission material, vanadium or a vanadium compound is disposed in respective locations of a substrate in order to create a plurality of emission site at said locations, at an average density of at least 10 cm^{-2} . Preferably, the vanadium or vanadium compound is in the form of particles.